



CLAN O ARCH BY THORN

The CLAN O ARCH is a versatile LED fixture that can be pole or wall mounted. Available with street or area distribution and with a internal house side cutoff. The CLAN O ARCH is available in either a 3000 or 5000 lumen package. The CLAN O ARCH also has three mounting options for pole applications. The CLAN O ARCH is ideal for any urban location from town-houses to illuminating pathways in parks.

HOUSING Die cast aluminum (LM6) with a powder coated silver grey textured finish.

DRIVER Standard unit is driven at 350 milliamps 120 volts in, 24 volts out.

LEDs Available in two lumen packages, 3000lm = ~ 2900lm maximum out of the luminaire = 39 watt maximum with driver, or 5000lm LED package = ~ 4350lm maximum out of the luminaire = 58 watt maximum with driver. The LED colour temperature for both lumen packages is 4200K, CRI : 70.

LENS Tempered clear glass.

HARDWARE Stainless steel.

MOUNTING Unit can be post top mounted without an arm or can be pole or wall mounted with an arm. Various configurations available.



CLAN O ARCH with basic bracket



CLAN O ARCH standard wall mount



CLAN O ARCH Deco wall mount

www.rabdesign.ca

ARM MOUNTING The CLAN O ARCH has four mounting arms options. Available as a single or double headed unit with the Arch C arm and also available as a single or double headed unit with the Deco arm.

HIGH PERFORMANCE OPTICAL SYSTEM Thorn has developed a unique and patented technological concept for symmetrical optics, as used in the Clan O ARCH. This concept offers the optimization of the overall optical system with high lumen output, high efficacy, better control of the flux and glare limitation without the need to tilt the luminaire.

The optical system has been optimized using :

- A combination of LEDs and LEDs with lenses to achieve the longitudinal flux distribution
- Grids to achieve the transversal flux distribution
- Mirror finished to optimize the light distribution and limit glare : they also ensure that each LED effectively delivers light to the application.

HEAT MANAGEMENT AND DIRT PROTECTION Good thermal design is the key to longevity as the heat generated in operation could adversely affect performance and the ultimate life of components. A finned aluminum heat sink proves efficient at dispersing internally generated heat while being enclosed, minimizes the accumulation of dirt and maintains optimal performance. Moreover, the glass cover prevents an early ageing of the luminaire. All optical and electronic parts are protected in an IP66 environment to withstand most environmental conditions.

Therefore, the only maintenance required is cleaning of diffuser / glass every three years to ensure the maintenance of light levels as per conventional fixtures.



CLAN O with single head Arch arm



CLAN O with dual head Arch arm



CLAN O with single Deco arm



CLAN O with dual Deco arm

Catalog Code

CLAN O ARCH

LUMEN PACKAGE

39W = 3000lms
58W = 5000lms

DISTRIBUTION

S/T = STREET OPTICS
A/S = ASYMMETRIC OPTICS

VOLTAGE

120-277, 347

MOUNTING

BB = BASIC BRACKET (96258255)
CLANOBRA1 = SINGLE HEAD ARCH ARM (96257401)
CLANOBRA2 = DUAL HEAD ARCH ARM (96257402)
CLANOMWA = WALL MOUNT ARCH ARM (96257403)
CLANOBRA1 = SINGLE HEAD DECO ARM (96257405)
CLANOBRA2 = DUAL HEAD DECO ARM (96257406)
CLANOMWA = WALL MOUNT DECO ARM (96257407)

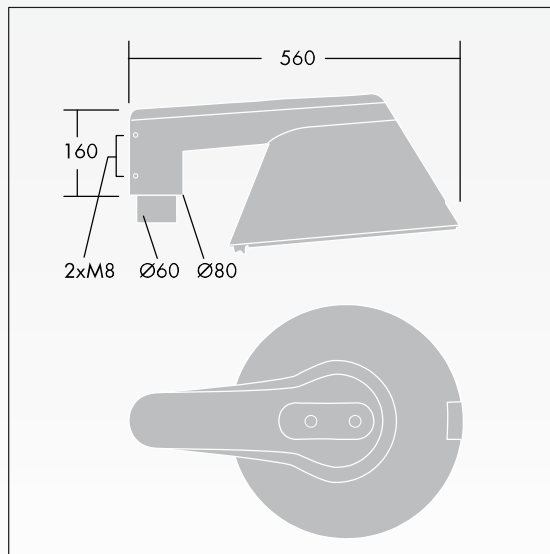
FINISH

SG = SILVER GREY
CC = CUSTOM COLOUR

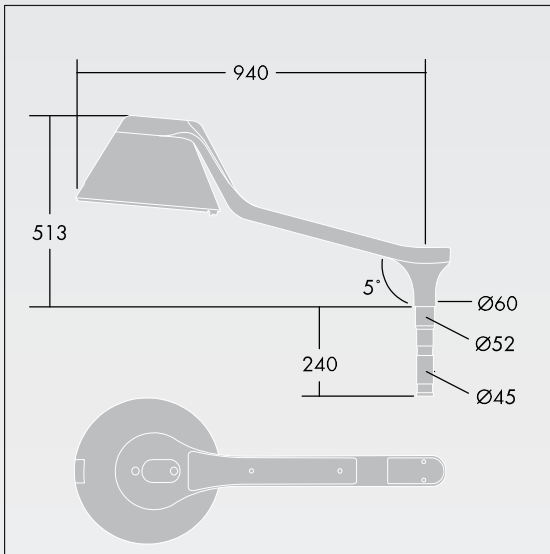
OPTIONS

PC = PHOTOCELL
HSC = HOUSE SIDE SHIELD

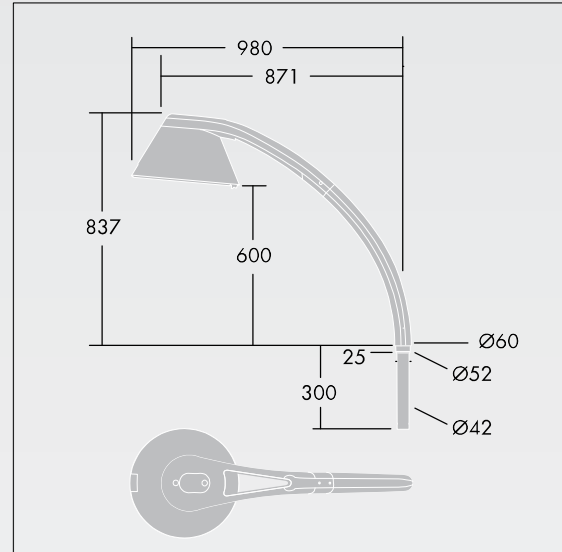
BASIC BRACKET



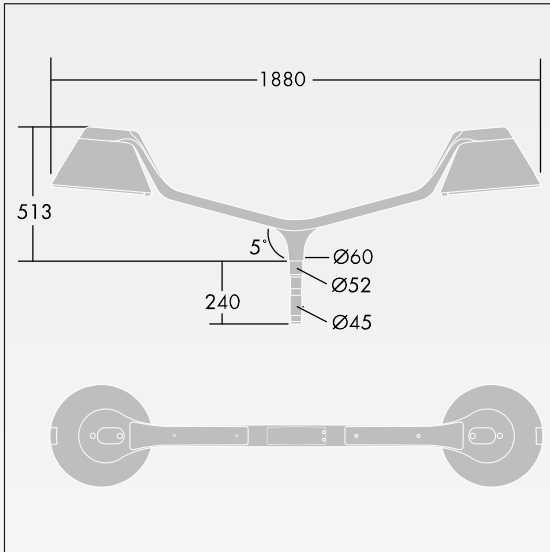
SINGLE HEAD ARCH ARM



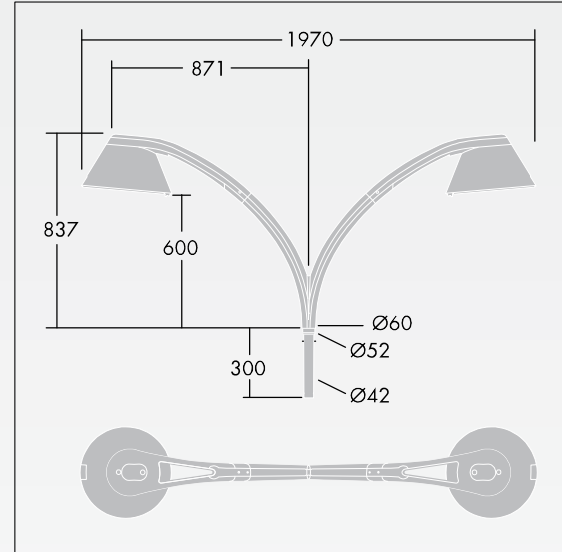
SINGLE HEAD DECO ARM



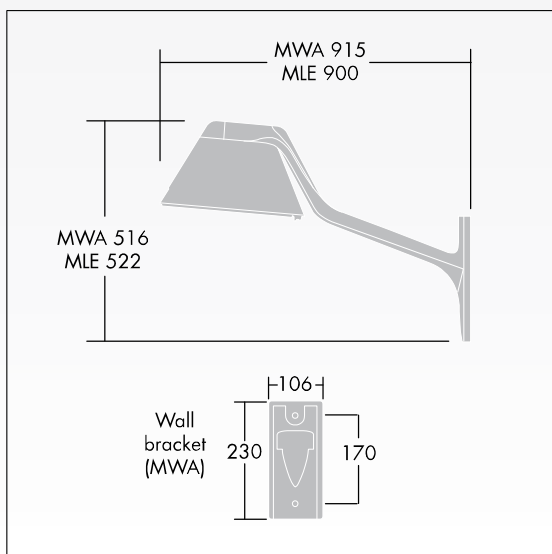
DUAL HEAD ARCH ARM



DUAL HEAD DECO ARM



WALL MOUNT ARCH ARM



WALL MOUNT DECO ARM

